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Term	Documents
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SPRAYS	52259
MIST	45313
MISTS	3826
HUMIDIFIER	12250
HUMIDIFIERS	2173
INHALER	8715
INHALERS	2821
SHOWER	39235
SHOWERS	5253
DRINK	55614
(L3 AND (SPRAY OR MIST OR HUMIDIFIER OR INHALER OR SHOWER OR DRINK)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	27

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IBM Technical Disclosure Bulletins

Search:

L4

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DATE: **Friday, November 28, 2003** [Printable Copy](#) [Create Case](#)

Set Name Query
side by side

**Hit
Count** **Set
Name
result set**

DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L4</u>	L3 and (spray or mist or humidifier or inhaler or shower or drink)	27	<u>L4</u>
<u>L3</u>	l1 and (polyphosphate or sodium tripolyphosphate or pentasodium triphosphate or carrageenan or irish moss extracts, sea weed extracts, red seaweed extracts or beta-1,3-Dgalactose or alpha-1,4-3,6-anhydro-D-galactose or phycocolloids or sodium carrageenan or potassium carrageenan or calcium carrageenan or kelp or alaria or laver-nori)	67	<u>L3</u>
<u>L2</u>	L1 and "negative ion"	4	<u>L2</u>
<u>L1</u>	"ions" and "zeta potential" and "depression"	69	<u>L1</u>

END OF SEARCH HISTORY

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 27 returned.**☐ 1. Document ID: US 20030180823 A1

L4: Entry 1 of 27

File: PGPB

Sep 25, 2003

PGPUB-DOCUMENT-NUMBER: 20030180823

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030180823 A1

TITLE: Individualization of therapy with antihistamines

PUBLICATION-DATE: September 25, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Leyland-Jones, Brian	Miami	FL	US	

US-CL-CURRENT: 435/7.95

Full	Title	Citation	Front	Revised	Classification	Date	Reference	Sequence	Attachments	Claims	Foot
Draw Desc	Image										

☐ 2. Document ID: US 20030157187 A1

L4: Entry 2 of 27

File: PGPB

Aug 21, 2003

PGPUB-DOCUMENT-NUMBER: 20030157187

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030157187 A1

TITLE: Compositions and methods for treating or preventing inflammatory diseases

PUBLICATION-DATE: August 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hunter, William L.	Vancouver		CA	

US-CL-CURRENT: 424/600; 424/673, 514/29, 514/365, 514/422

Full	Title	Citation	Front	Revised	Classification	Date	Reference	Sequence	Attachments	Claims	Foot
Draw Desc	Image										

☐ 3. Document ID: US 20030152623 A1

L4: Entry 3 of 27

File: PGPB

Aug 14, 2003

PGPUB-DOCUMENT-NUMBER: 20030152623
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030152623 A1

TITLE: Responsive microgel and methods related thereto

PUBLICATION-DATE: August 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bromberg, Lev E.	Swampscott	MA	US	
Temchenko, Marina	Swampscott	MA	US	

US-CL-CURRENT: 424/468

Pub	Title	Citation	Front	Referred	Classification	Date	Reference	Sequences	Attachment	Image
Image Data	Image									

☐ 4. Document ID: US 20030108618 A1

L4: Entry 4 of 27

File: PGPB

Jun 12, 2003

PGPUB-DOCUMENT-NUMBER: 20030108618
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030108618 A1

TITLE: Non-pharmacological method for treating depression, skin disorders, and improving overall health and wellness

PUBLICATION-DATE: June 12, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Smith, Jack V.	Arden	NC	US	

US-CL-CURRENT: 424/601; 424/195.17, 514/54

Pub	Title	Citation	Front	Referred	Classification	Date	Reference	Sequences	Attachment	Image
Image Data	Image									

☐ 5. Document ID: US 20030092261 A1

L4: Entry 5 of 27

File: PGPB

May 15, 2003

PGPUB-DOCUMENT-NUMBER: 20030092261
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030092261 A1

TITLE: Substrate processing method

PUBLICATION-DATE: May 15, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kondo, Fumio	Tokyo		JP	
Mishima, Koji	Tokyo		JP	
Tanaka, Akira	Tokyo		JP	
Suzuki, Yoko	Tokyo		JP	
Togawa, Tetsuji	Tokyo		JP	
Inoue, Hiroaki	Tokyo		JP	

US-CL-CURRENT: 438/638; 257/E21.175, 257/E21.583, 257/E21.584, 257/E21.585, 438/643,
438/678, 438/691

Full	Title	Publication	Front	Review	Classification	Date	Reference	Sequence	Attachment
Draw Data	Image								

1000

☐ 6. Document ID: US 20030077222 A1

L4: Entry 6 of 27

File: PGPB

Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030077222

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030077222 A1

TITLE: Individualization of therapy with analgesics

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Leyland-Jones, Brian	Miami	FL	US	

US-CL-CURRENT: 424/9.1; 435/7.92

Full	Title	Publication	Front	Review	Classification	Date	Reference	Sequence	Attachment
Draw Data	Image								

1001

☐ 7. Document ID: US 20020183380 A1

L4: Entry 7 of 27

File: PGPB

Dec 5, 2002

PGPUB-DOCUMENT-NUMBER: 20020183380

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020183380 A1

TITLE: Compositions and methods for treating or preventing inflammatory diseases

PUBLICATION-DATE: December 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hunter, William L.	Vancouver		CA	

US-CL-CURRENT: 514/449; 424/78.37, 514/723

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Data	Image								

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☐ 8. Document ID: US 20020037919 A1

L4: Entry 8 of 27

File: PGPB

Mar 28, 2002

PGPUB-DOCUMENT-NUMBER: 20020037919

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020037919 A1

TITLE: COMPOSITIONS AND METHODS OF PACLITAXEL FOR PREVENTING PSORIASIS

PUBLICATION-DATE: March 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
HUNTER, WILLIAM L.	VANCOUVER		CA	

US-CL-CURRENT: 514/449

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Data	Image								

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☐ 9. Document ID: US 20020034537 A1

L4: Entry 9 of 27

File: PGPB

Mar 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020034537

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020034537 A1

TITLE: Cationic diagnostic, imaging and therapeutic agents associated with activated vascular sites

PUBLICATION-DATE: March 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Schulze, Brita	Walchensee		DE	
Sauer, Birgitta	Penzberg		DE	
Dellian, Marc	Munich		DE	
Michaelis, Uwe	Weilheim		DE	
Teifel, Michael	Penzberg		DE	
Naujoks, Kurt W.	Penzberg		DE	
Biro, Claudia	Muehldorf		DE	

US-CL-CURRENT: 424/450; 424/155.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Data	Image								

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☐ 10. Document ID: US 20020013298 A1

L4: Entry 10 of 27

File: PGPB

Jan 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020013298

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020013298 A1

TITLE: COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING INFLAMMATORY DISEASES

PUBLICATION-DATE: January 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
HUNTER, WILLIAM L.	VANCOUVER		CA	

US-CL-CURRENT: 514/113; 514/365

Full	Title	Publication	Front	Revised	Classification	Date	Reference	Sequence	Attachments
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(L3 AND (SPRAY OR MIST OR HUMIDIFIER OR INHALER OR SHOWER OR DRINK)).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	27

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L4: Entry 11 of 27

File: PGPB

Jan 17, 2002

PGPUB-DOCUMENT-NUMBER: 20020006876

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020006876 A1

TITLE: Revolution member supporting apparatus and semiconductor substrate processing apparatus

PUBLICATION-DATE: January 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hongo, Akihisa	Tokyo		JP	
Katakabe, Ichiro	Tokyo		JP	
Morisawa, Shinya	Tokyo		JP	

US-CL-CURRENT: 505/191

Full	Title	Publication	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Data	Image								

[Full](#)☐ 12. Document ID: US 20010024691 A1

L4: Entry 12 of 27

File: PGPB

Sep 27, 2001

PGPUB-DOCUMENT-NUMBER: 20010024691

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010024691 A1

TITLE: Semiconductor substrate processing apparatus and method

PUBLICATION-DATE: September 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kimura, Norio	Kanagawa-ken		JP	
Mishima, Koji	Kanagawa-ken		JP	
Kunisawa, Junji	Kanagawa-ken		JP	
Odagaki, Mitsuko	Kanagawa-ken		JP	
Makino, Natsuki	Kanagawa-ken		JP	
Tsujimura, Manabu	Kanagawa-ken		JP	
Inoue, Hiroaki	Tokyo		JP	
Nakamura, Kenji	Kanagawa-ken		JP	
Matsumoto, Moriji	Kanagawa-ken		JP	
Matsuda, Tetsuo	Gunma-ken		JP	
Kaneko, Hisashi	Kanagawa-ken		JP	
Morita, Toshiyuki	Kanagawa-ken		JP	
Hayasaka, Nobuo	Kanagawa-ken		JP	
Okumura, Katsuya	Kanagawa-ken		JP	

US-CL-CURRENT: 427/346; 156/345.12, 156/345.31, 427/443.1

Full	Title	Citation	Front	Referred	Classification	Date	Reference	Sequences	Attachment
Draw Data	Image								

Full

☐ 13. Document ID: US 6610173 B1

L4: Entry 13 of 27

File: USPT

Aug 26, 2003

US-PAT-NO: 6610173

DOCUMENT-IDENTIFIER: US 6610173 B1

TITLE: Three-dimensional tissue and methods for making the same

DATE-ISSUED: August 26, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lindsay; Jeffrey Dean	Appleton	WI		
Burazin; Mark Alan	Oshkosh	WI		
Chen; Fung-jou	Appleton	WI		
Hermans; Michael Alan	Neenah	WI		
Lin; Philip Sim	Oshkosh	WI		
Larson; Kenneth Curtis	Appleton	WI		

US-CL-CURRENT: 162/109; 162/111, 162/112, 162/113, 162/117, 162/123, 162/125,
162/127, 162/129, 162/130

Full	Title	Citation	Front	Referred	Classification	Date	Reference	Sequences	Attachment
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Full

☐ 14. Document ID: US 6515016 B2

L4: Entry 14 of 27

File: USPT

Feb 4, 2003

US-PAT-NO: 6515016

DOCUMENT-IDENTIFIER: US 6515016 B2

TITLE: Composition and methods of paclitaxel for treating psoriasis

DATE-ISSUED: February 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hunter; William L.	Vancouver			CA

US-CL-CURRENT: 514/449

Full	Title	Publication	Front	Referred	Classification	Date	Reference	Sequence	Attachment	Print
Draw Data	Image									

☐ 15. Document ID: US 6495579 B1

L4: Entry 15 of 27

File: USPT

Dec 17, 2002

US-PAT-NO: 6495579

DOCUMENT-IDENTIFIER: US 6495579 B1

TITLE: Method for treating multiple sclerosis

DATE-ISSUED: December 17, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hunter; William L.	Vancouver			CA

US-CL-CURRENT: 514/365

Full	Title	Publication	Front	Referred	Classification	Date	Reference	Sequence	Attachment	Print
Draw Data	Image									

☐ 16. Document ID: US 5858595 A

L4: Entry 16 of 27

File: USPT

Jan 12, 1999

US-PAT-NO: 5858595

DOCUMENT-IDENTIFIER: US 5858595 A

TITLE: Magnetic toner and ink jet compositions

DATE-ISSUED: January 12, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ziolo; Ronald F.	Webster	NY		

US-CL-CURRENT: 430/114; 106/31.92, 260/DIG.38, 430/115

Full Title Citation Front Review Classification Date Reference Sequences Attachments
Draw Desc Image

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☐ 17. Document ID: US 5843544 A

L4: Entry 17 of 27

File: USPT

Dec 1, 1998

US-PAT-NO: 5843544

DOCUMENT-IDENTIFIER: US 5843544 A

**** See image for Certificate of Correction ****

TITLE: Articles which include a hinged starch-bound cellular matrix

DATE-ISSUED: December 1, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Andersen; Per Just	Santa Barbara	CA		
Hodson; Simon K.	Santa Barbara	CA		

US-CL-CURRENT: 428/36.5; 16/221, 16/277, 16/385, 206/524.7, 206/562, 428/158,
428/213, 428/317.9, 428/318.8, 428/36.4

Full Title Citation Front Review Classification Date Reference Sequences Attachments
Draw Desc Image

Print

☐ 18. Document ID: US 5830548 A

L4: Entry 18 of 27

File: USPT

Nov 3, 1998

US-PAT-NO: 5830548

DOCUMENT-IDENTIFIER: US 5830548 A

**** See image for Certificate of Correction ****

TITLE: Articles of manufacture and methods for manufacturing laminate structures including inorganically filled sheets

DATE-ISSUED: November 3, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Andersen; Per Just	Santa Barbara	CA		
Hodson; Simon K.	Santa Barbara	CA		

US-CL-CURRENT: 428/36.4; 206/524.3, 206/524.7, 428/116, 428/152, 428/155, 428/182,
428/317.9, 428/323, 428/35.8, 428/36.6, 428/36.91, 428/43, 428/532, 428/906

Full Title Citation Front Review Classification Date Reference Sequences Attachments
Draw Desc Image

Print

☐ 19. Document ID: US 5830509 A

L4: Entry 19 of 27

File: USPT

Nov 3, 1998

US-PAT-NO: 5830509

DOCUMENT-IDENTIFIER: US 5830509 A

TITLE: Microparticle complexes with 2-amino-1-phenylpropanol materials

DATE-ISSUED: November 3, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
West; Daniel David	Rockport	MA	01966	
Breitbarth, deceased; Richard	late of Whippany	NJ		
Martrildonno, administratrix; by Amy	Middlesex	NJ	08846	

US-CL-CURRENT: 424/489; 424/401, 424/434, 424/485, 514/649

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachment
Draw Data : Image									

PDF

☐ 20. Document ID: US 5800922 A

L4: Entry 20 of 27

File: USPT

Sep 1, 1998

US-PAT-NO: 5800922

DOCUMENT-IDENTIFIER: US 5800922 A

TITLE: Method of making a gelation-resistant alumina

DATE-ISSUED: September 1, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Anderson; Edward M.	Roland	AR		
Dando; Neal R.	Murrysville	PA		
Lawhon; Carl H.	Benton	AR		
McRaven; Merle D.	Benton	AR		

US-CL-CURRENT: 428/403; 423/625, 423/626, 427/215, 427/242, 427/399

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachment
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☐ 23. Document ID: US 5681658 A

L4: Entry 23 of 27

File: USPT

Oct 28, 1997

US-PAT-NO: 5681658

DOCUMENT-IDENTIFIER: US 5681658 A

**** See image for Certificate of Correction ****

TITLE: Gelation-resistant alumina

DATE-ISSUED: October 28, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Anderson; Edward M.	Roland	AR		
Dando; Neal R.	Murrysville	PA		
Lawhon; Carl H.	Benton	AR		
McRaven; Merle D.	Benton	AR		

US-CL-CURRENT: 428/403; 423/625, 423/626

Full	Title	Citation	Front	Figure	Classification	Date	Reference	Sequences	Attachments
Draw Data	Image								

Image

☐ 24. Document ID: US 5670078 A

L4: Entry 24 of 27

File: USPT

Sep 23, 1997

US-PAT-NO: 5670078

DOCUMENT-IDENTIFIER: US 5670078 A

TITLE: Magnetic and nonmagnetic particles and fluid, methods of making and methods of using the same

DATE-ISSUED: September 23, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ziolo; Ronald F.	Webster	NY		

US-CL-CURRENT: 516/77; 252/62.52, 252/62.54, 252/62.56, 423/DIG.14, 423/DIG.16

Full	Title	Citation	Front	Figure	Classification	Date	Reference	Sequences	Attachments
Draw Data	Image								

Image

☐ 25. Document ID: US 5567564 A

L4: Entry 25 of 27

File: USPT

Oct 22, 1996

US-PAT-NO: 5567564

DOCUMENT-IDENTIFIER: US 5567564 A

TITLE: Liquid development composition having a colorant comprising a stable dispersion of magnetic particles in an aqueous medium

DATE-ISSUED: October 22, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ziolo; Ronald F.	Webster	NY		

US-CL-CURRENT: 430/115; 430/116, 430/137.19

File	Title	Creation	Front	Extension	Classification	Date	Reference	Sequence	Attachments
[Image]									

☐ 26. Document ID: US 5322756 A

L4: Entry 26 of 27

File: USPT

Jun 21, 1994

US-PAT-NO: 5322756

DOCUMENT-IDENTIFIER: US 5322756 A

TITLE: Magnetic fluids and method of preparation

DATE-ISSUED: June 21, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ziolo; Ronald F.	Webster	NY		

US-CL-CURRENT: 430/114; 252/62.54, 252/62.56, 347/53, 430/126, 430/137.19,
430/137.22, 430/903

File	Title	Creation	Front	Extension	Classification	Date	Reference	Sequence	Attachments
[Image]									

☐ 27. Document ID: US 4755305 A

L4: Entry 27 of 27

File: USPT

Jul 5, 1988

US-PAT-NO: 4755305

DOCUMENT-IDENTIFIER: US 4755305 A

TITLE: Continuous dewatering method

DATE-ISSUED: July 5, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fremont; Henry A.	Wyoming	OH		
Dorman; William C.	Hamilton	OH		

US-CL-CURRENT: 210/748; 204/518, 204/553, 204/648, 204/DIG.9, 205/746, 205/770

File	Title	Creation	Front	Extension	Classification	Date	Reference	Sequence	Attachments
[Image]									